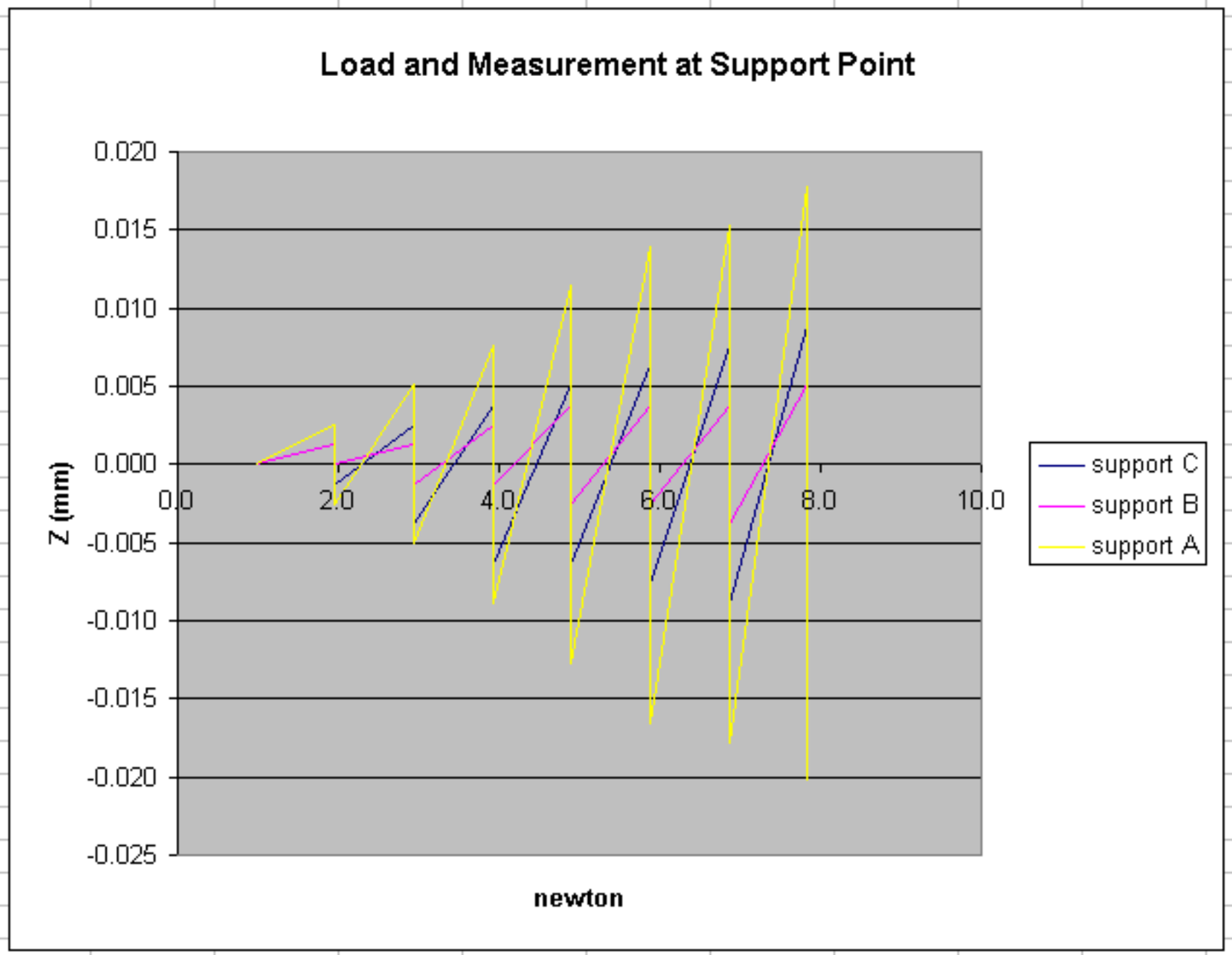
			LOAD	observation			LOAD	observation			LOAD	observation		
grams	newton	vector	location	location	Z (in)	Z (mm)	location	location	Z (in)	Z (mm)	location	location	Z (in)	Z (mm)
100	1.0	Z+	C	C	0.00000	0.000	B	B	0.00000	0.000	A	A	0.00000	0.000
100	1.0	Z-	C	C	0.00000	0.000	B	B	0.00000	0.000	A	A	0.00000	0.000
200	2.0	Z+	C	C	0.00005	0.001	B	B	0.00005	0.001	A	A	0.00010	0.003
200	2.0	Z-	C	C	-0.00005	-0.001	B	B	0.00000	0.000	A	A	-0.00010	-0.003
300	2.9	Z+	C	C	0.00010	0.003	B	B	0.00005	0.001	A	A	0.00020	0.005
300	2.9	Z-	C	C	-0.00015	-0.004	B	B	-0.00005	-0.001	A	A	-0.00020	-0.005
400	3.9	Z+	C	C	0.00015	0.004	B	B	0.00010	0.003	A	A	0.00030	0.008
400	3.9	Z-	C	C	-0.00025	-0.006	B	B	-0.00005	-0.001	A	A	-0.00035	-0.009
500	4.9	Z+	C	C	0.00020	0.005	B	B	0.00015	0.004	A	A	0.00045	0.011
500	4.9	Z-	C	C	-0.00025	-0.006	B	B	-0.00010	-0.003	A	A	-0.00050	-0.013
600	5.9	Z+	C	C	0.00025	0.006	B	B	0.00015	0.004	A	A	0.00055	0.014
600	5.9	Z-	C	C	-0.00030	-0.008	B	B	-0.00010	-0.003	A	A	-0.00065	-0.017
700	6.9	Z+	C	C	0.00030	0.008	B	B	0.00015	0.004	A	A	0.00060	0.015
700	6.9	Z-	C	C	-0.00035	-0.009	B	B	-0.00015	-0.004	A	A	-0.00070	-0.018
800	7.8	Z+	C	C	0.00035	0.009	B	B	0.00020	0.005	A	A	0.00070	0.018
800	7.8	Z-	C	C	-0.00040	-0.010	B	B	-0.00020	-0.005	A	A	-0.00080	-0.020

vector	newton	support C	support B	support A
Z+	1.0	0.000	0.000	0.000
Z-	1.0	0.000	0.000	0.000
Z+	2.0	0.001	0.001	0.003
Z-	2.0	-0.001	0.000	-0.003
Z+	2.9	0.003	0.001	0.005
Z-	2.9	-0.004	-0.001	-0.005
Z+	3.9	0.004	0.003	0.008
Z-	3.9	-0.006	-0.001	-0.009
Z+	4.9	0.005	0.004	0.011
Z-	4.9	-0.006	-0.003	-0.013
Z+	5.9	0.006	0.004	0.014
Z-	5.9	-0.008	-0.003	-0.017
Z+	6.9	0.008	0.004	0.015
Z-	6.9	-0.009	-0.004	-0.018
Z+	7.8	0.009	0.005	0.018
Z-	7.8	-0.010	-0.005	-0.020